CONCURRENT AFTERNOON SESSIONS - 1:30 - 3:00 pm

Pelican Room 1

(TPM-C) UNCERTAINTY ANALYSIS IN RISK ASSESSMENT
Chair: Michael T. Alberts, Radian Corporation

(TPM-C1) A COMPARATIVE ANALYSIS OF STOCHASTIC AND TRADITIONAL HEALTH RISK ASSESSMENT METHODS
M. T. Alberts and W. M. Smith; Radian Corporation

(TPM-C2) MONTE CARLO TECHNIQUES FOR QUANTITATIVE UNCERTAINTY ANALYSIS IN PUBLIC HEALTH RISK ASSESSMENTS
D. E. Burmaster, K. M. Thompson, C. A. Menzie, E. A. C. Crouch and T. E. McKone; Alceon Corporation, Menzie & Associates, Cambridge Environmental, Inc. and Lawrence Livermore National Laboratory

(TPM-C3) RISK ANALYSIS UNDER UNCERTAINTY: THE NITRATE CASE
I. Bogardi, L. Duckstein and A. Bardossy; University of Nebraska, University of Arizona and University of Karlsruhe, Germany

(TPM-C4) QUANTITATIVE UNCERTAINTY ANALYSIS FOR ENVIRONMENTAL CANCER RISK USING MATHEMATICA®: THE CASE OF WATER-MEDIATED TETRACHLOROETHYLENE EXPOSURE IN CALIFORNIA
K. T. Bogen and T. E. McKone; Lawrence Livermore National Laboratory

Pelican Room 2

(TPM-D) ISSUES IN QUANTITATIVE RISK ANALYSIS
Chair: Theodore S. Glickman, Resources for the Future

(TPM-D1) ON THE OPTIMUM LEVEL OF DECOMPOSITION IN RISK ANALYSIS
A. Mosleh and V. Bier; University of Maryland

(TPM-D2) ON PROBLEMS OF SUBOPTIMIZATION IN RISK ANALYSIS AND RISK MANAGEMENT
E. Matson; The Norwegian Institute of Technology

(TPM-D3) RISK QUANTIFICATION: ARE NUMBERS QUANTITIES?
S. A. Epstein; PLG, Inc.

(TPM-D4) GAUGING THE DEGREE OF CONFIDENCE IN CHOICES BETWEEN RISKY ALTERNATIVES
T. S. Glickman and E. D. Silverman; Resources for the Future

Poydras Room

(TPM-E) RISK COMMUNICATION ROUNDTABLE (PART IV)
Chair: Ann Fisher, US Environmental Protection Agency and Pennsylvania State University

(TPM-E1) USING A RISK'S CHARACTERISTICS IN COMMUNICATING ABOUT IT
J. Horowitz and R. Carson; University of Maryland and University of California, San Diego

(TPM-E2) MOTIVATING RISK-REDUCING CHANGES IN EVERYDAY BEHAVIOR
S. Gerking and M. Dickie; University of Wyoming and University of Georgia

(TPM-E3) PUTTING ENVIRONMENTAL RISK IN PERSPECTIVE
J. Mauskopf, Research Triangle Institute

(TPM-E4) COMMUNICATING ABOUT ECOLOGICAL RISKS
M. Gough; Resources for the Future

(TPM-E5) COMMUNICATING DELAYED AND GLOBAL RISK GIVEN RISK DISCOUNTING
J. Shogren; Iowa State University

(TPM-E6) PERCEPTIONS OF CHEMICALS RISKS AMONG YOUNG PEOPLE
V. Covello, E. Arkin and D. McCallum; Columbia University and Georgetown University

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Source: https://www.industrydocuments.ucsf.edu/docs/yrvl0000

CONCURRENT AFTERNOON SESSIONS - 1:30 - 3:00 pm

Acadian Room — (TPM-F) CHAOS IN RISK ASSESSMENT AND RISK MANAGEMENT PART II)
Chair: Jerry L. R. Chandler, National Institutes of Health

(TPM-F1) CHAOS AND RISK MANAGEMENT IN THE EVOLUTION OF SOCIAL SYSTEMS
R. Artigiani; US Naval Academy

(TPM-F2) CHAOS IN MEDICAL RISK MANAGEMENT
M. H. Kroll; National Institutes of Health

(TPM-F3) CHAOS - A CRITICAL SOURCE OF VARIANCE IN HEALTH RISK EXTRAPOLATIONS?
J. L. R. Chandler; National Institutes of Health

Jackson Room — (TPM-G) GUIDELINES FOR SITING OF HAZARDOUS FACILITIES
Chair: Howard Kunreuther, Wharton Risk and Decision Processes Center

(TPM-G1) GUIDELINES FOR SITING HAZARDOUS FACILITIES
H. Kunreuther and L. Susskind; Wharton Risk and Decision Processes Center and Massachusetts Institute of Technology

(TPM-G2) SITING NOXIOUS FACILITIES: AUTHORITARIAN VERSUS PARTICIPATORY APPROACHES
E. W. Colglazier; University of Tennessee

(TPM-G3) COMMUNITY VISION: A COUNTER TO NIMBYISM
E. DeArmon; Lind, WA

(TPM-G4) USING MITIGATION AND COMPENSATION TO SITE HAZARDOUS FACILITIES
R. Gregory; Decision Research

(TPM-G5) NEW DEPARTURES IN HAZARDOUS FACILITY SITING
R. E. Kasperson; Clark University

Fulton Room — (TPM-H) RISK-BASED BUDGETING AND STRATEGIC PLANNING
Chair: Adam M. Finkel, Resources for the Future

(TPM-H1) RELATIVE RISK REDUCTION -- SETTING PRIORITIES AND STRATEGIES
R. C. Loehr, The University of Texas at Austin

(TPM-H2) RISK-BASED PLANNING AND BUDGETING AT THE ENVIRONMENTAL PROTECTION AGENCY
A. Koines, US Environmental Protection Agency

(TPM-H3) STRATEGIC PLANNING AND RISK REDUCTION IN LOUISIANA
V. Arroyo; Louisiana Department of Environmental Quality

(TPM-H4) "RATIONAL RISK REDUCTION": CAN WE LIVE WITH(OUT) IT?
A. M. Finkel, Resources for the Future

3:00 - 3:30 pm — COFFEE BREAK, Lobby

CONCURRENT AFTERNOON SESSIONS - 3:30 - 5:00 pm

Orleans Room 1 — (TPM-I) COMMUNITY INVOLVEMENT - EMERGENCY PLANNING AND COMMUNITY RIGHT-TO-KNOW
Chair: W. David Conn, Virginia Polytechnic Institute & State University

(TPM-I1) JOURNALISTS AS BUREAUCRATS? PERCEPTIONS OF MEDIA ROLES IN LOCAL EMERGENCY PLANNING
F. N. Burkhart; University of Arizona

(TPM-I2) TOXIC CHEMICALS AND HEALTH PROFESSIONALS: A SURVEY OF PHYSICIANS IN FOUR SPECIALTIES
D. B. McCallum, V. T. Covello and S. L. Hammond; Georgetown University Medical Center and Columbia University School of Public Health

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CONCURRENT AFTERNOON SESSIONS - 3:30 - 5:00 pm

(TPM-I3) KEEPING THE PUBLIC INFORMED ABOUT HAZARDOUS MATERIALS RISK DURING AN EMERGENCY
R. C. Rich, W. L. Owens and W. D. Conn; Virginia Polytechnic Institute & State University

(TPM-I4) USE OF TOXIC RELEASE INVENTORY DATA: A NATIONAL SURVEY OF USERS
F. M. Lynn and J. Kartez; University of North Carolina and Washington State University

La Salle Ballroom B (TPM-J) PUBLIC PERCEPTION OF RISK
Chair: John K. Horowitz, University of Maryland

(TPM-J1) A COMPARATIVE ANALYSIS OF PERCEIVED CURRENT REGULATION AND PREFERRED FUTURE REGULATION OF RISKS IN JAPAN AND THE UNITED STATES
E. Rosa and R. Kleinhesselink; Washington State University

(TPM-J2) THE PERCEPTION OF THE PUBLIC TOWARDS GLOBAL CLIMATE CHANGE MEASURED BY THE DEGREE OF WILLINGNESS TO CONSERVE ENERGY
R. E. Lofstedt; Clark University

(TPM-J3) FEAR OF RADIATION EXPOSURE AS A TOOL FOR PUBLIC PRESSURE
A. Bauman; Institute for Medical Research and Occupational Health University of Zagreb, Yugoslavia

(TPM-J4) DOES THE PUBLIC REALLY CARE ABOUT RISK CHARACTERISTICS?
J. K. Horowitz and R. T. Carson; University of Maryland and University of California, San Diego

La Salle Ballroom C (TPM-K) CHEMICAL ACCIDENTS
Chair: Linda Y. Landesman, Newhall and Landesman Associates

(TPM-K1) CHEMICAL SPILLS AND RESPONSE CAPABILITY IN THE RURAL UNITED STATES
W. D. Solecki; Rutgers University

(TPM-K2) QUANTITATIVE TREATMENT OF UNCERTAINTY IN ESTABLISHING SOIL REMEDIATION LEVELS AT A CONTAMINATED SITE
W. R. Rish, R. J. Marnicio, W. M. Mendez and R. T. Roller; Ebasco Environmental

(TPM-K3) THE APPLICATION OF NUMERICAL RISK CRITERIA FOR LAND USE PLANNING NEAR MAJOR HAZARD INSTALLATIONS IN THE UK
R. J. Smallwood; St. Anne's House, England

(TPM-K4) THE EFFECT OF SARA ON MEDICAL PREPAREDNESS FOR CHEMICAL ACCIDENTS
L. Y. Landesman; Newhall and Landesman Associates

Pelican Room 1 (TPM-L) PHARMACOKINETIC MODELS
Chair: Clay Easterly, Oak Ridge National Laboratory

(TPM-L1) A PRAGMATIC RISK ASSESSMENT OF POLYCHLOROTRIFLUOROETHYLENE (3.1 OIL), A NONFLAMMABLE AVIATION HYDRAULIC FLUID
H. J. Clewell, D. R. Mattie and M. E. Andersen, Wright-Patterson Air Force Base

(TPM-L2) CANCELLED

(TPM-L3) REFERENCE VALUES FOR REGIONAL BLOOD VOLUMES AND BLOOD FLOW FOR USE IN BIOKINETIC MODELING
R. W. Leggett, L. R. Williams and A. R. Hawthorne (Presented by C. Easterly); Oak Ridge National Laboratory and Indiana University, South Bend

(TPM-L4) CANCELLED

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CONCURRENT AFTERNOON SESSIONS – 3:30 – 5:00 pm

Pelican Room 2 — (TPM-M) APPLIED PROBLEMS IN HEALTH CARE DECISION MAKING

Chair: Cheryl B. Travis, University of Tennessee

(TPM-M1) USE OF DATA BY PATIENTS AND PHYSICIANS FOR DECISION MAKING
D. J. Mazur and D. H. Hickam; Veterans Administration Center and University of Portland

(TPM-M2) MODELS FOR OBTAINING CONSULTATION IN ETHICAL MEDICAL DECISION MAKING
G. J. Mozdzierz; Hines VA Hospital and Loyola University

(TPM-M3) REGIONAL VARIATION IN PHYSICIAN PRACTICE PATTERNS: IMPLICATIONS FOR MEDICAL DECISION MAKING
C. B. Travis, M. Odle and R. Phillippi; University of Tennessee

(TPM-M4) BREAST CANCER SCREENING FOR MEDICARE BENEFICIARIES: AN ANALYSIS OF COSTS AND BENEFITS FOR THE US CONGRESS
D. Dougherty; US Congress Office of Technology Assessment

Acadian Room — (TPM-N) MULTIMEDIA MODELING

Chair: Thomas E. McKone, Lawrence Livermore National Laboratory

(TPM-N1) THE FOOD CHAIN AS A SOURCE OF HUMAN EXPOSURE TO POLLUTANTS EMITTED FROM MUNICIPAL WASTE COMBUSTORS
H. A. Hattemer-Frey; Advanced Sciences, Inc.

(TPM-N2) A MULTIMEDIA, MULTIPLE-EXPOSURE PATHWAY APPROACH FOR DERIVING RISK-BASED STANDARDS FOR VOLATILE ORGANICS IN SOIL
J. I. Daniels, L. C. Hall, T. E. McKone and J. J. Wong; Lawrence Livermore National Laboratory and California Department of Health Services

(TPM-N3) MULTIMEDIA MODELING AND LONG TERM HEALTH RISK ASSESSMENT
W. E. Kastenberg; University of California, Los Angeles

(TPM-N4) DERMAL UPTAKE OF ORGANIC CHEMICALS IN A SOIL LAYER ON HUMAN SKIN
T. E. McKone; Lawrence Livermore National Laboratory

Fulton Room — (TPM-O) ECOLOGICAL RISK ASSESSMENT AT HAZARDOUS WASTE SITES

Chair: Charles A. Menzie, Menzie-Cura & Associates, Inc.

INTRODUCTION
C. A. Menzie; Menzie-Cura & Associates, Inc.

(TPM-O1) PROBABILISTIC ASSESSMENT OF ECOLOGICAL RISK AT THE NEW BEDFORD HARBOR SUPERFUND SITE
R. A. McGrath; ABB Environmental Services

(TPM-O2) COMPARISON OF PREDICTIVE, BIOASSAY AND FIELD ASSESSMENT METHODS FOR ECOLOGICAL RISK ASSESSMENT AT THE BAIRD AND MCGUIRE SUPERFUND SITE
C. A. Menzie and D. E. Burmaster; Menzie-Cura & Associates, Inc.

(TPM-O3) DEVELOPMENT OF ECOLOGICAL CRITERIA FOR CLEANUP OF HAZARDOUS WASTE SITES
R. Pastorok, PTI Environmental Services

Jackson Room — (TPM-P) RISK ANALYSIS AT US DEPARTMENT OF ENERGY FACILITIES

Chair: Craig Loehle, Westinghouse Savannah River Company

(TPM-P1) DOE-WIDE APPLICATIONS OF THE MULTIMEDIA ENVIRONMENTAL POLLUTANT ASSESSMENT SYSTEM (MEPAS)
J. G. Droppo, D. L. Strenge, J. W. Buck and P. G. Doctor; Battelle – Pacific Northwest Laboratory

(TPM-P2) ENVIRONMENTAL RISK ASSESSMENT AT THE FEED MATERIALS PRODUCTION CENTER, FERNALD, OHIO
C. S. Duke and S. I. Gray; Advanced Sciences, Inc.

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CONCURRENT AFTERNOON SESSIONS - 3:30 - 5:00 pm

(TPM-P3) RISK ASSESSMENT IN THE OAK RIDGE ENVIRONMENTAL RESTORATION PROGRAM
R. K. White and S. M. Bartell; Oak Ridge National Laboratory

(TPM-P4) ECOLOGICAL RISK ANALYSIS
C. Loehle and E. P. Smith; Westinghouse Savannah River Company and Virginia Tech

Foydras Room

(TPM-Q) RISK COMMUNICATION ROUNDTABLE (PART V)
Chair: Ann Fisher, US Environmental Protection Agency and Pennsylvania State University

(TPM-Q1) INCREASING AWARENESS OF WASTE DISPOSAL METHODS AMONG JUNIOR HIGH SCHOOL STUDENTS USING SELF-PRODUCED VIDEO PROGRAMS
R. Desmond and R. Carveth; University of Hartford

(TPM-Q2) CONSUMER PERCEPTION OF RISKS FROM PESTICIDE RESIDUES IN FOOD
E. Van Ravenswaay; Michigan State University

(TPM-Q3) PRESS COVERAGE OF RISKS FROM ENVIRONMENTAL CONTAMINATION
R. J. Griffin and S. Dunwoody; Marquette University and University of Wisconsin, Madison

(TPM-Q4) INDUSTRY RESPONSE TO SARA TITLE III RELATING TO POLLUTION PREVENTION, RISK REDUCTION, AND RISK COMMUNICATION
S. Santos; Columbia University

(TPM-Q5) INTERAGENCY TASK FORCE ON ENVIRONMENTAL CANCER AND HEART AND LUNG DISEASE: ACTIVITIES OF THE COMMITTEE ON RISK COMMUNICATION AND EDUCATION
M. Pavlova; US Environmental Protection Agency

La Salle Ballroom B
5:00 - 6:30 pm BUSINESS MEETING OF GLOBAL RISK ANALYSIS SECTION

WEDNESDAY, 10 OCTOBER 1990

CONCURRENT MORNING SESSIONS - 8:30 - 10:00 am

Orleans Room 1

(WAM-A) ACCIDENT MANAGEMENT
Chair: Mario Fontana, Tenera

(WAM-A1) THE ROLE OF ACCIDENT MANAGEMENT IN SEVERE ACCIDENT RISK REDUCTION IN NUCLEAR POWER PLANTS
B. W. Sheron; US Nuclear Regulatory Commission

(WAM-A2) US NUCLEAR INDUSTRY ACTIVITIES IN DEVELOPING ACCIDENT MANAGEMENT GUIDANCE
D. J. Modeen; Nuclear Management and Resources Council

(WAM-A3) EPRI'S ACCIDENT MANAGEMENT R&D
R. N. Oehlberg; Electric Power Research Institute

La Salle Ballroom B

(WAM-B) PUBLIC CONCERNS
Chair: Kenneth T. Bogen, Lawrence Livermore National Laboratory

(WAM-B1) CHARACTERIZING MEDIA COVERAGE OF HAZARDS: TYPICAL PROFILES AND SOCIAL AMPLIFICATION OF RISK
S. Emani, J. X. Kasperson, R. E. Kasperson and O. Renn; Clark University and Brown University

(WAM-B2) PUBLIC CONCERNS ABOUT THE SITING OF LOW-LEVEL RADIOACTIVE WASTE FACILITIES IN THREE COUNTRIES
A. Vari, R. Kemp, J. L. Mumpower and A. Oldfield; Hungarian Institute for Public Opinion Research, University of East Anglia, UK, State University of New York and Brunel University

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CONCURRENT MORNING SESSIONS - 8:30 - 10:00 am

(WAM-B3) DE MINIMIS RISK AND DRACONIAN PUNISHMENT: IS DRUNK-DRIVING POLICY IN THE US FAIR FOR FIRST-TIME OFFENDERS?
K. T. Bogen; Lawrence Livermore National Laboratory

(WAM-B4) NONSTOP FLYING IS SAFER THAN DRIVING
M. Sivak, D. J. Weintraub and M. Flannagan; The University of Michigan Transportation Research Institute

La Salle Ballroom C (WAM-C) FUNGICIDES IN AGRICULTURE
Chair: James Wilson, Monsanto Corporation

(WAM-C1) TOXICOLOGY OF THE IMPORTANT FUNGICIDES
C. F. Wilkinson; Versar/RiskFocus

(WAM-C2) COMMUNICATING RISKS AND BENEFITS
J. Cooper; Hill and Knowlton

(WAM-C3) PROSPECTS FOR AMENDING FIFRA
B. Pana; Hopkins and Sutter

(WAM-C4) PERCEPTIONS OF RISKS
J. Hathaway; Natural Resources Defense Council

Pelican Room 1 (WAM-D) QUANTITATIVE RISK ASSESSMENT OF NON-CANCER ENDPOINTS: BIOLOGICAL PERSPECTIVES
Chair: Donald R. Mattison, University of Pittsburgh

INTRODUCTION
D. R. Mattison; University of Pittsburgh

(WAM-D1) DEVELOPMENT OF A RULE BASED EXPERT SYSTEM FOR RISK ASSESSMENT IN DEVELOPMENTAL TOXICOLOGY
F. R. Jelovsek and D. R. Mattison; University of Arkansas for Medical Sciences and University of Pittsburgh

(WAM-D2) QUANTITATIVE RISK ASSESSMENT FOR RENAL TOXICITY
B. A. Fowler; University of Maryland

(WAM-D3) RISK ASSESSMENT FOR NON-CANCER PULMONARY TOXICITY
R. F. Henderson; Lovelace Inhalation Toxicology Research Institute

Pelican Room 2 (WAM-E) USE OF DATA IN RISK ASSESSMENT
Chair: Andrew Sivak, Health Effects Institute

(WAM-E1) COMPARISON OF ACCEPTABLE LEVELS IN AMBIENT AIR AND DRINKING WATER GENERATED FROM DIFFERENT DATA BASES
M. A. Kamrin; Michigan State University

(WAM-E2) SETTING INITIAL SAFE CONCENTRATIONS IN AN UNUSED PERCHED ZONE TO PROTECT A DRINKING WATER AQUIFER
M. J. Sullivan, C. J. Miller, J. T. Stanford and P. A. McCaw; Envirologic Data, Inc.

(WAM-E3) STRENGTHENING HEALTH RISK ASSESSMENT DATA WITH EPIDEMIOLOGICAL RULES OF EVIDENCE: APPLICATIONS TO BENZENE, DIOXIN, AND FORMALDEHYDE
R. Zimmerman; New York University

(WAM-E4) EVALUATION OF EPIDEMIOLOGY DATA RELATING TO COFFEE CONSUMPTION AND RISK OF BLADDER CANCER
A. Leviton and A. Sivak; Harvard Medical School and Health Effects Institute

Poydras Room (WAM-F) MULTIMEDIA EXPOSURE TO ENVIRONMENTAL CONTAMINANTS
Chair: Lawrence B. Gratt, SEACOR

(WAM-F1) COMPARISON OF HUMAN PCB EXPOSURES ASSOCIATED WITH OCCUPATION, WASTE SITES, AND BACKGROUND SOURCES: A CASE STUDY
J. C. Kissel; Indiana University

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